



US005657447A

**United States Patent** [19]

Leung et al.

[11] Patent Number: 5,657,447

[45] Date of Patent: Aug. 12, 1997

[54] **PLATFORM-TRANSPARENT  
REGISTRATION AND BUILD OF STORED  
PROCEDURES AND USER-DEFINED  
FUNCTIONS**

5,515,508 5/1996 Pettus et al. .... 395/200.01

[75] Inventors: Paul Chun-Hong Leung, San Jose;  
Frederick Thomas Sharp, Menlo Park;  
David Y. Chen, San Jose; Judianto  
Sidik, San Jose; John Shek-Luen Ng,  
San Jose; Morgan Young, San Jose, all  
of Calif.

Primary Examiner—Paul V. Kulik

Attorney, Agent, or Firm—Prentiss W. Johnson, Esq.;  
Sterne, Kessler, Goldstein & Fox P.L.L.C.[57] **ABSTRACT**

A system and method for transferring a file from a client platform to a server platform. A procedure\_to\_invoke parameter is set equal to information identifying a file transfer procedure located at the server platform. A pointer in a first "sqlvar" parameter is caused to point to the string representing the file, and a pointer in a second sqlvar parameter is caused to point to a file name of the file. The first and second sqlvar parameters are part of an input\_args parameter. A "sqlproc" function is invoked at the client platform. The procedure\_to\_invoke and input\_args parameters are passed to the sqlproc function. The sqlproc function when executed causes the input\_args parameter to be passed to the file transfer procedure at the server platform, and also causes the file transfer procedure to be invoked at the server platform.

[73] Assignee: International Business Machines  
Corp., Armonk, N.Y.

[21] Appl. No.: 521,804

[22] Filed: Aug. 31, 1995

[51] Int. Cl.<sup>6</sup> ..... G06F 13/00

[52] U.S. Cl. .... 395/601

[58] Field of Search ..... 395/200.01, 200.09,  
395/601, 610, 680, 682, 684[56] **References Cited****U.S. PATENT DOCUMENTS**

5,412,805 5/1995 Jordan, II et al. .... 395/612

**39 Claims, 6 Drawing Sheets**

JCS25 U.S. PTO  
09/286678  
04/02/99

502

